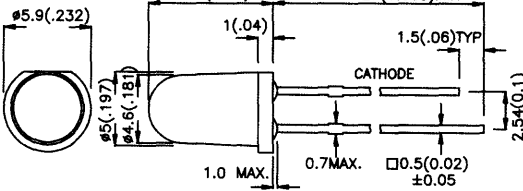
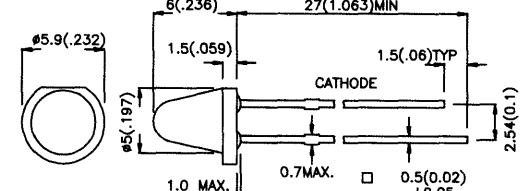
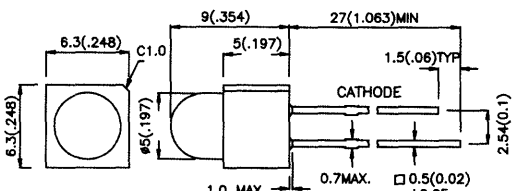


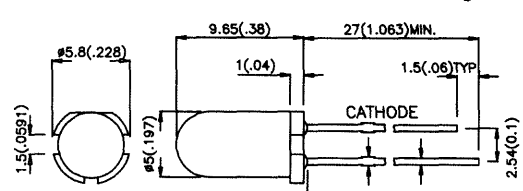
L1513		L63		L453		L1593	
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Part No.	Emitting Color + Material	λ D (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle	Dimension
				Min.	Typ.	2θ1/2	

L1513IT	GaAsP/GaP	625	red transparent	50	80	20°	T-1 3/4 (5mm) Round 
L1513EC	GaAsP/GaP	625	water clear	50	80	20°	
L1513GT	GaP	568	green transparent	20	50	20°	
L1513GC	GaP	568	water clear	20	60	20°	
L1513YT	GaAsP/GaP	588	yellow transparent	20	40	20°	
L1513YC	GaAsP/GaP	588	water clear	20	40	20°	

L63ID	GaAsP/GaP	625	red diffused	12	20	60°	T-1 3/4 (5mm) Round 
L63IT	GaAsP/GaP	625	red transparent	30	50	30°	
L63GD	GaP	568	green diffused	5	12	60°	
L63GT	GaP	568	green transparent	20	40	30°	
L63YD	GaAsP/GaP	588	yellow diffused	5	10	60°	
L63YT	GaAsP/GaP	588	yellow transparent	20	35	30°	
L63SRD	GaAlAs	640	red diffused	*100	*300	60°	
L63SRT	GaAlAs	640	red transparent	*300	*600	30°	
L63SRC	GaAlAs	640	water clear	*200	*700	30°	

L453ID	GaAsP/GaP	625	red diffused	5	20	60°	T-1 3/4 (5mm) Round 
L453GD	GaP	568	green diffused	5	15	60°	
L453YD	GaAsP/GaP	588	yellow diffused	5	15	60°	

L1593EC	GaAsP/GaP	625	water clear	50	80	30°	T-1 3/4 (5mm) Round 
L1593IT	GaAsP/GaP	625	red transparent	50	80	30°	
L1593YC	GaAsP/GaP	588	water clear	20	50	30°	
L1593YT	GaAsP/GaP	588	yellow transparent	20	50	30°	
L1593SGT	GaP	568	green transparent	*50	*150	30°	
L1593SRC/D	GaAlAs	640	water clear	*500	*800	30°	
L1593SRT/D	GaAlAs	640	red transparent	*500	*800	30°	

NOTES :

1. All dimensions are in millimeters (inches)
2. Tolerance is $\pm 0.25\text{mm}$ (0.01") unless otherwise noted.